

Technical data sheet

SIMPSON

Strong-Tie

PVI

Column Shoes type VARIO (lbs)

The PVI column bases are height adjustable and can be set in concrete.

Features

Material

Steel quality:

S 235 JR according to DIN EN 10025

Corrosion protection:

completely galvanized after processing; Zinc coating thickness about 55 microns in accordance with DIN EN 1461

Applicable materials

In Stock:

- **Concrete**

Component:

- **Wood, wood products**

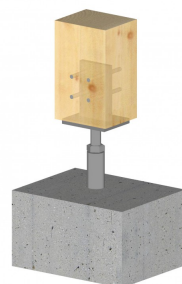
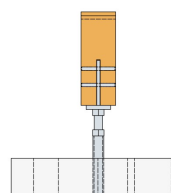
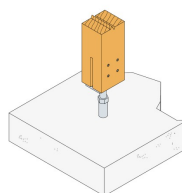
Applications

Application area

- **embedded in concrete fixing of wooden supports for subsequent vertical orientation under medium load and for all force directions**

Installation

- **The support feet are concreted.**
- **The connection of the props by means CNA comb nails or for construction purposes with bolts, or with dowels Ø 8 mm.**
- **The dowels must be at least 60mm long**



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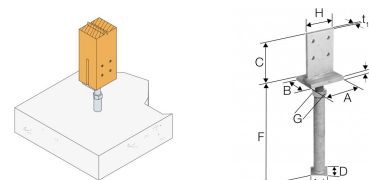
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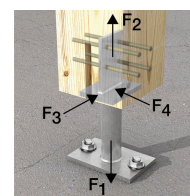
Technical Data



Product Dimensions

References	Tun / DB nr.	NOB nr.	Dimensions and drill holes [mm]										Top plate holes	Box Quantity	Weight [kg]
			A	B	C	D	E	F	G	H	t ₁	t ₂	Ø5		
PVIG-B	2857019	21219746	60	90	110	40	40	222 - 274	20	70	8	4	10	10	1.3

Characteristic Capacities



References	Number of Fasteners		Characteristic Capacities [kN]												
	On post		R _{1,k}	R _{2,k}			R _{3,k}			R _{4,k} g _{max} **=32 mm			R _{4,k} g _{max} **= 57 mm		
	Qty	Type		Dowel length [mm]			g**			Dowel length [mm]			Dowel length [mm]		
				80	120	160	32	57	82	80	120	160	80	120	160
PVIG-B	4	STD8	min (90.7 ; 49/kmod)	16	20.7	20.7	3.1/kmod	2.7/kmod	2.3/kmod	min (2.9 ; 2.5/kmod)	min (4.3 ; 4.3/kmod)	min (6.5 ; 5.4/kmod)	min (2.5 ; 2.2/kmod)	min (3.8 ; 3.8/kmod)	min (5.7 ; 4.7/kmod)

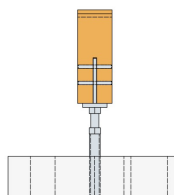
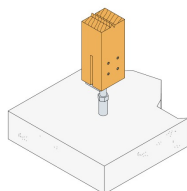
^{**} g is the distance from top of concrete to bottom of post

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Benefits

- The PVI column bases are height adjustable and are preferred for concealed connections, since the upright slotted sheet is built into the support-applied.
- The minimum cross-section for supporting Type PVI is 60 × 90 mm.
- The max. Height adjustment is ± 25 mm from the ideal height.



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